EXIN CISEF

EXIN Cyber and IT Security Foundation Certification Questions & Answers

Get Instant Access to Vital Exam Acing Materials | Study Guide | Sample Questions | Practice Test

CISEF

EXIN Cyber and IT Security Foundation
40 Questions Exam – 65% Cut Score – Duration of 60 minutes

Table of Contents:

Discover More about the EXIN CISEF Certification

Are you interested in passing the EXIN CISEF exam? First discover, who benefits from the CISEF certification. The CISEF is suitable for a candidate if he wants to learn about Data Protection and Security. Passing the CISEF exam earns you the EXIN Cyber and IT Security Foundation title.

While preparing for the CISEF exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The CISEF PDF contains some of the most valuable preparation tips and the details and instant access to useful **CISEF study materials just at one click.**

EXIN CISEF EXIN Cyber and IT Security Foundation Certification Details:

Exam Name	EXIN Cyber and IT Security Foundation
Exam Code	CISEF
Exam Price	$228 (USD)
Duration	60 mins
Number of Questions	40
Passing Score	65%
Schedule Exam	**Pearson VUE**
Sample Questions	**EXIN CISEF Sample Questions**
Practice Exam	**EXIN CISEF Certification Practice Exam**

EXIN CISEF Syllabus:

Topic	Details	Weights
Tcp/Ip Networking - 10%		
Nodes, Node Connections & TCP/IP Addressing	The candidate can... - describe what a node is. - describe how nodes can be connected to each other. - explain the concepts of TCP/IP addressing of both IP v4 and IP v6.	5%
OSI Model, TCP/IP Model, Protocols	The candidate can... - describe the layers and main	5%

Topic	Details	Weights
	functionalities of the OSI and TCP/IP models. - explain the main network protocols, what their functionality is and how they fit into the OSI and TCP/IP reference models.	
Computer Systems - 10%		
Computer Architecture, Operating Systems	The candidate can... - explain the components of a computer system. - describe how an operating system works. - list the main operating systems.	5%
Computer System Vulnerabilities	The candidate can... - identify the most prevalent types of computer system vulnerabilities.	2.5%
Computer System Security Measures	The candidate can... - identify the main security measures related to computer systems.	2.5%
Applications & Databases - 15%		
Application Development	The candidate can... - explain the different methods and phases of the systems development life cycle. - describe the advantages and disadvantages of each of the different methods of the systems development lifecycle. - explain how to address security during the systems development life cycle.	5%
Databases	The candidate can... - describe the different database models. - explain the functionality of the database and the database management systems.	5%
Security Issues & Countermeasures	The candidate can... - describe the prevalent security issues related to applications development and	5%

Topic	Details	Weights
	databases. - explain the countermeasures against security issues related to applications and databases.	
Cryptography - 20%		
Encryption Methodologies & Standards	The candidate can... - differentiate between symmetric and asymmetric encryption. - identify encryption algorithms and standards.	5%
Digital Signatures, Hashing	The candidate can... - explain how digital signatures provide for authenticity and non-repudiation. - explain how hashing provides for the integrity of digital information. - describe the main hashing standards.	5%
Public Key Infrastructure (Pki)	The candidate can... - describe the components, parties and processes of a public key infrastructure. - explain what digital certificates and their use cases are.	5%
SSL/TLS, Ipsec	The candidate can... - explain the technology and use cases of SSL/TLS. - explain the technology and use cases of IPSec.	5%
Identity & Access Management - 15%		
Identification, Authentication, Biometrics, Single Sign-On (SSO), Password Management	The candidate can... - differentiate between identification and authentication. - describe the main technologies of authentication and two-factor authentication. - explain biometrics and their use cases. - explain the concepts and different types of Single sign-on (SSO).	10%

Topic	Details	Weights
	- explain password management and its use cases.	
Authorization	The candidate can... - describe how the principles of Need to know, Least privilege and Separation of Duties (SoD) relate to authorization. - describe authorization models such as role-based access control (RBAC) and attribute-based access control (ABAC). - describe the specifications and functionality of OpenID Connect and OAuth.	5%
Cloud Computing - 15%		
Characteristics & Deployment Models	The candidate can... - differentiate between the deployment models public cloud, private cloud and hybrid cloud. - explain the service models SaaS, PaaS, IaaS, SECaaS and IDaaS.	10%
Risks	The candidate can... - identify the risks of cloud computing.	5%
Exploiting Vulnerabilities - 15%		
Attack Categories & Threat Types	The candidate can... - identify the main attack categories of cybercrime.	5%
Actors & Tools	The candidate can... - recognize Black hat hackers, White hat hackers, Grey hat hackers, Script kiddies and Hacktivists. - identify which tools cybercriminals use. - identify the steps cybercriminals take to exploit vulnerabilities.	10%

Broaden Your Knowledge with EXIN CISEF Sample Questions:

Question: 1

The Relational Database Management System is the dominant database management model. What does a foreign key represent or provide?

a) It provides a method for referential integrity.
b) It represents a column that uniquely identifies a row in a table.
c) It provides a link or reference to a primary key in the same table.
d) It represents the relationship between columns.

Answer: a

Question: 2

Which IP version best anticipates on the exhaustion of public IP addresses in the near future?

a) SMTP
b) S/MIME
c) HTTP
d) FTP

Answer: b

Question: 3

A hub represents the central component, with which a star topology-based network can be built. What is the main reason that hubs are hardly ever used anymore?

a) A hub is only able to recognize the hardware address of a node, not the logical address (IP address). For this reason a hub is not suitable to be used in local network environments.
b) A hub is not able to recognize any address information. Therefore, a hub will send network traffic, which is destined for a particular host, to all other hosts in the network. For this reason the network will be overloaded when many hosts want to communicate.
c) A hub is able to recognize the hardware address of a node, but ignores this and will send network traffic, which is destined to a particular host, to all other hosts in the network. For this reason network traffic can be easily intercepted.
d) A hub is only able to recognize the logical address (IP address) of a node. For this reason a hub is not suitable to be used in local network environments.

Answer: b

Question: 4

How many parties (minimum) have a role in an OpenID Connect authentication data flow?

a) 2
b) 3
c) 4
d) 5

Answer: b

Question: 5

Currently, several technologies are connected to the Internet, for example smartphones, tablets and IoT. Therefore, the number of public IP addresses will not be enough in the future.

Based on this scenario, which statement is correct?

a) IPv4 has an address space of 32-bits, which is enough for the future.
b) IPv4 with NAT (Network Address Translation) functionality has enough public IP for the future
c) IPv6 addresses will be enough just working with IPv4 addresses.
d) IPv6 has an address space of 128 bits, which is enough for the future.

Answer: d

Question: 6

What does Security Assertion Markup Language (SAML) provide?

a) Use social networks for authentication ('Use your Facebook account to login').
b) Authenticate both users and applications in enterprise environments.
c) Secure exchange authentication information in a federated environment.
d) Authenticate users in enterprise environments.

Answer: c

Question: 7

Which CPU family was developed by Apple?

a) A5
b) Core i7
c) Power8
d) Sparc T5

Answer: a

Question: 8

Databases are very challenging from a security perspective. One of the more risky vulnerabilities is inference. How can inference be explained?

a) As the corruption of data integrity by input data errors or erroneous processing
b) As running processes at the same time, thus introducing the risk of inconsistency
c) As bypassing security controls at the front end, in order to access information for which one is not authorized
d) As deducing sensitive information from available information

Answer: d

Question: 9

In the context of authorization the principle of 'need-to-know' is one of the most important ones to consider. What does the principle of 'need-to-know' mean?

a) Critical tasks can only be completed by at least two individuals, so that collusion is needed to be able to commit fraud.
b) Users should be assigned with a minimum level of access rights to perform their tasks.
c) Users should have access to only the information that is needed to perform their tasks.
d) Users should be assigned only temporary access rights to perform their tasks.

Answer: c

Question: 10

ARP (Address Resolution Protocol) represents one of the most important network protocols in TCP/IP-based network environments. What does ARP basically do?

a) ARP translates the hardware address of a node to its IP address.
b) ARP replies with the IP address of a particular node to any node that requests this.
c) ARP translates the IP address of a node to its hardware address.
d) ARP replies with the hardware address of a particular node to the default gateway.

Answer: c

Avail the Study Guide to Pass EXIN CISEF EXIN Cyber and IT Security Foundation Exam:

- Find out about the CISEF syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **EXIN CISEF syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the **EXIN Cyber and IT Security Foundation training.** Joining the EXIN provided training for this EXIN certification exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **EXIN CISEF sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. CISEF practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the EXIN CISEF exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the EXIN CISEF Certification

CertFun.Com is here with all the necessary details regarding the CISEF exam. We provide authentic practice tests for the CISEF exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on CertFun.Com for rigorous, unlimited two-month attempts on the **CISEF practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the EXIN Cyber and IT Security Foundation.

Start Online practice of EXIN CISEF Exam by visiting URL
https://www.certfun.com/exin/cisef-exin-cyber-and-it-security-foundation